.,	٠,	4			\bigcirc		
	FORM PTO-1449	II S DEDADTHEN					SHEET 1 OF 3
	101011110-1449	U.S. DEPARTMENT PATENT AND TR	ADEMARK OFFICE	ATTY. DOCKET NO. HEBIO.001C1	APPLI 10/714	CATION NO. ,691	
		DISCLOSURE STATE	MENT				
(USE SEDENAL SPIECES IF NECESSARY)				APPLICANT Wolde-Marian, Wondu			
·		5	ARY)	FILING DATE November 17, 2003	GROU Unkno		
	- B LAN 0 5	2005 (5)					
	E			U.S. PATENT DOCUMENTS		-	
EXAMI	NER AL	NT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

	屋	2000 (1)		U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		REPERIENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BTN	1.	DES404,812	1/26/99	Cipkowski .	 	<u>`</u>	(IF APPROPRIATE)
	2.	DES420,141	2/1/00	Casterlin	 		
	3.	DES423,110	4/18/00	Cipkowski	 	· .	
	4.	DES430,303	8/29/00	Cipkowski	 		
	5.	4,849,341	7/18/89	Adams et al.	 		
	6.	5,026,638	6/25/91	Saperstein	-		
i	7.	5,132,210	7/21/92	Adams et al.		-	
	8.	5,168,044	12/1/92	Joyce et al.			
	9.	5,198,213	3/30/93	Stott et al.			-
	10.	5,198,339	3/30/93	Hansen et al.	· ·		
	11,	5,225,331	7/6/93	Jennings et al.			
	12.	5,550,030	8/27/96	Tanaka et al.			
	13.	5,591,645	1/7/97	Rosenstein			
	14	5,798,273	8/25/98	Schuler et al.			
	15.	5,958,714	9/28/99	Gordon et al.			
1	16.	5,976,895	11/2/99	Cipkowski			
BTN	17.	5,976,896	11/2/99	Kumar et al.			

	,			FOREIGN PATENT DOCUMENTS	•			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
	\vdash						YES	NO
BTN	18	GB2314 625A	1/7/98	UK				
BTN	19.	EPO 237 384	2/6/87	EPO				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	_ 7
BTN	20 Bramley, A.J., " Mastitis: Physiology of Pathology" Flem . Vet. J. 61 (Suppl 1):3-113 (1991)	¥

EXAMINER /	'Bao	Thuy	Nguyen/	

DATE CONSIDERED

02/01/2007

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM	PTO-144

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET N	c
HEBIO.001C1	

APPLICATION NO. 10/714,691 SHEET 2 OF 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT Wolde-Marian, Wondu

(USE SEVERAL SHEETS IF NECESSARY)

FILING DATE November 17, 2003

GROUP Unknown

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
BTN	21.	Byrne et al., "Application of an indirect ELISA to milk samples to identify cows with Mycoplasma bovis mastitis", The Veterinary Record 146:368-369 (3/25/2000)
	22.	Chalifour et al., "Use of defined oligosaccharide epitopes in an ELISA for group B streptococcus" <u>Jr. of Immunological</u> <u>Methods</u> 154:69-76 (1992)
	23.	Crist et al., "Mastitis and its Control" University of Kentucky, College of Agriculture Extension Service ASC-140:1-14 (1997)
	24.	Donders et al., "Accuracy of rapid antigen detection test for group B streptococci in the indigenous vaginal bacterial flora" Arch Gynecol. Obstet. 264:34-36 *(1999)
	25.	Felten et al., "Analyse Critique des Tests de Depostage rapide de Stphylococcus aureus, pastorex staph plus, slides staph-kit et staph aureus, dans les isolats cliniques" Path. Biol. 43:471-476 (1995)
	26.	Gilson, Warren, "Interpreting and Using Mastitis Screening Tests" University of Georgia, College of Agriculture & Environmental Sciences, Bulletin 913:1-12 Web site 8/21/02
	27.	Gonzalez et al., "Polyclonal Antibodies Against Live Cells of Pseudomonas fluorescens for the Direction" <u>Jr. Dairy</u> <u>Sci.</u> 77:3552-3557 (1994)
		Gutierrez et al., :Monoclonal Antibodies and an Indirect ELISA for Detection of Psychrotrophic Bacteria in Refrigerated, Milk" Jr. of Food Protection 60(1)23-27 (1997)
		Heller et al., "Antigen capture ELISA using a monoclonal antibody for the detection of Mycoplasma bovis in milk" Veterinary Microbiology 37:127-133 (1993)
	30.	Hordnes et al., "Evaluation of a Rapid Enzyme Immunoassay for Detection of Genital Colonization of Group B Streptococci in Pregnant Women: Own Experience and Review:, Aust. NZ J. Obstet. Gynaecol. 35(3):251-253 (1995)
	211	Hotzel et al., "Enhancement of Mycoplasma bovis detection in milk samples by antigen capture prior to PCR" Molecular and Cellular Probes 13:175-178 (1999)
	32	Jasper et al., "Relationships Among the Results of Coagulase, Staphylococcal Tozin, and Themonuclease Tests on Staphylococci from Cow Milk" Jr. of Cl. Microbiology 21(4):582-584 (4/1985)
	33	Kit "inoculation & interpretation it's easy as 1-2-3". A.J. Buck & Son, a Division of National Logistics Services, LLC
	34	Kit "InTray Colorex Screen Test" <u>BIOMED Diagnostics</u> , 1430 Koll Circle, Ste 1010, San Jose, CA (Document No. 10.082)
\rightarrow		Kit "Staphylococcus Latex Kit" Product Codes: BA001, BA001.1, The Binding Side Limited, P.O. Box 4073, Birmingham, B29 6AT, UK
	-	Lipkin et al., "Abstract Direct PCT Detection of Mastitis causing Pathogens in Milk" Research Dev. Co. of the Hebrew University of Jerusalem, A-0645
	37	Neyret et al., " Evaluation of a Commercial Test Kit for Rapid Detection of Staphylococcus aureus in Blood Cultures" [Eur. J. Clin. Microbiol. Infect. Dis. 16:165-166 (1997)
	38.	Orden et al., " Detection of enterotoxins and TSST-1 secreted by Staphylococcis aureus isolated from ruminant mastitis. Comparison of ELISA and Immunoblot" Journal of Applied Bacteriology 72:486-489 (1992)
	3911	Rosocha et al., "Monoclonal Antibodies Against the Common Polysaccharide of Streptococcus agalactiae" Folia Microbiol. 41(5):436-440 (1996)
-	10 3	Sachse et al., "Comparison of various diagnostic methods for the detection of Mycoplasma bovis" Rev. Sci. Tech. Off. and Int. Epiz. 12(2):581-580 (1993)
BTN	11 ∫∖	van Griethuysen et al., "International Multicenter Evaluation of Latex Agglutination Tests for Identification of Staphylococcus aureus" Jr. of Clinical Microbiology 39 (1):86-89 (2001)

EXAMINER	/Bao	Thuy	Nguyen/

DATE CONSIDERED

02/01/2007

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

				SHEET 3 OF
	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. HEBIO.001C1	APPLICATION NO. 10/714,691
		DISCLOSURE STATEMENT		
•		YAPPLICANT	APPLICANT Wolde-Marian, Wondu	
	(OSE SEVEROL	L SHEETS IF NECESSARY)	FILING DATE November 17, 2003	GROUP Unknown

BTN 42 Wichelhaus et al., "Rapid Detection of Epidemic Strains of Methicilin-Resistant Staphylococcus aureus" <u>Jr. of Clinic Microbiology</u> 37:690-693 (1999) BTN 43 Yazdankhah et al., "Development and evaluation of an immunomagnetic separation-ELISA for the detection of Staphylococcus aureus thermostable nuclease in composite milk" <u>Veterinary Microbiology</u> 67:113-125 (1999) BTN 44 Zorah et all., "Detection of bacterial antigens in milk samples from clinical cases of bovines mastitis in which culture negative" The Veterinary Record 208-210 (2):237(93)	EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
44 Zorah et all., "Detection of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from cl	BTN	42.	Wichelhaus et al., "Rapid Detection of Epidemic Strains of Methicilin-Resistant Staphylococcus aureus" <u>Jr. of Clinical Microbiology</u> 37:690-693 (1999)
Purple 144 Loran et all., "Detection of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of bacterial antigens in milk samples from clinical cases of the clinical c	BTN	43.	Yazdankhah et al., "Development and evaluation of an immunomagnetic separation-ELISA for the detection of Staphylococcus aureus thermostable nuclease in composite milk" Veterinary Microbiology 67:113-125 (1999)
1001100	BTN	44.	Zorah et all., "Detection of bacterial antigens in milk samples from clinical cases of bovines mastitis in which culture is negative" The Veterinary Record 208-210 (2/237/93)

W:\DOCS\JAH\JAH-6961.DOC 011304

EXAMINER /Bao Thuy Nguyen/

DATE CONSIDERED

02/01/2007

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

P E CINFORMATIO

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. HEBIO.001C1

APPLICATION NO. 10/714,691

CINFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Wolde-Marian, Wi

APPLICANT Wolde-Marian, Wondu

November 17, 2003

FILING DATE

GROUP Unknown

SE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL (IF APPROPRIATE) DES404.812 1. 1/26/99 Cipkowski 2. DES420,141 2/1/00 Casterlin 3. DES423,110 4/18/00 Cipkowski 4. DES430,303 8/29/00 Cipkowski 5. 7/18/89 4,849,341 Adams et al. 6. 5,026,638 6/25/91 Saperstein 5,132,210 7/21/92 Adams et al. 8. 5,168,044 12/1/92 Joyce et al. 9. 5,198,213 3/30/93 Stott et al. 10 5,198,339 3/30/93 Hansen et al. 5,225,331 7/6/93 Jennings et al. 12 5,550,030 8/27/96 Tanaka et al. 13 5,591,645 1/7/97 Rosenstein 14 5,798,273 8/25/98 Schuler et al. 15 Gordon et al. 5,958,714 9/28/99 16 5,976,895 11/2/99 Cipkowski 11/2/99 17 5,976,896 Kumar ey al.

		·		FOREIGN PATENT DOCUMENTS			<u>.</u>	
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
INITIAL	Ш						YES	NO
	18	GB2314 625A	1/7/98	uk				
	19.	EPO 237 384	2/6/87	EPO				
							·	

EXAMINER INITIAL				OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	20.	Bramløy,	A.J.,	" Mastitis: Physiology of Pathology" Flem . Vet. J. 61 (Suppl 1):3-113 (1991)

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

SHEET 2 OF

P E FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. HEBIO.001C1
O 700 INEGRMATION		
1 144 5	Y APPLICANT	APPLICANT Wolde-Marian, Wondu
TATRICE SEVERAL	. SHEETS IF NECESSARY)	FILING DATE

ATTY. DOCKET NO. HEBIO.001C1	APPLICATION NO. 10/714,691
APPLICANT Wolde-Marian, Wondu	
FILING DATE November 17, 2003	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	21.	Byrne et al., "Application of an indirect ELISA to milk samples to identify cows with Mycoplasma bovis mastitis", The Veterinary Record 146:368-369 (3/25/2000)	
	22.	Chalifour et al., "Use of defined oligosaccharide epitopes in an ELISA for group B streptococcus" <u>Jr. of Immunological</u> <u>Methods</u> 154:69-76 (1992)	
·	23.	Crist et al., "Mastitis and its Control" University of Kentucky, College of Agriculture Extension Service ASC-140:1-14 (1997)	
	24.	Donders et al., "Accuracy of rapid antigen detection test for group B streptococci in the infligencus vaginal bacterial flora" Arch Gynecol. Obstet. 264:34-36 *(1999)	
	25.	Felten et al., "Analyse Critique des Tests de Depostage rapide de Stohylococcus aureus, pastorex staph plus, slides staph-kit et staph aureus, dans les isolats cliniques" Path. Biol. 43:471-476 (1995)	
	26.	Gilson, Warren, "Interpreting and Using Mastitis Screening Tests" University of Georgia. College of Agriculture & Environmental Sciences, Bulletin 913:1-12 Web site 8/21/02	
		Gonzalez et al., "Polyclonal Antibodies Against Live Cells of Pseudomones fludrescens for the Direction" <u>Jr. Dairy Sci.</u> 77:3552-3557 (1994)	
	28.	Gutierrez et al., :Monoclonal Antibodies and an Indirect ELISA for Detection of Psychrotrophic Bacteria in Refrigerated Milk" <u>Jr. of Food Protection</u> 60(1)23-27 (1997)	
		Heller et al., "Antigen capture ELISA using a monoclonal antioody for the retection of Mycoplasma bovis in milk" Veterinary Microbiology 37:127-133 (1993)	
	30.	Hordnes et al., "Evaluation of a Rapid Enzyme Immunoassay for Detection of Genital Colonization of Group B Streptococci in Pregnant Women: Own Experience and Review: Aust. NZ J. Obstet. Gynaecol. 35(3):251-253 (1995)	
	31.	Hotzel et al., "Enhancement of Mycoplasma bovis detection in mile samples by antigen capture prior to PCR" Molecular and Cellular Probes 13:175-178 (1999)	
	32.	Jasper et al., "Relationships Among the Results of Coagulage, Staphylococcal Tozin, and Themonuclease Tests on Staphylococci from Cow Milk" Jr. of Cl. Microbiology 21(4):582-584 (4/1985)	
	33.	Kit "inoculation & interpretation it's easy as 1-2-3". A.J. Buck & Son, a Division of National Logistics Services, LLC	
	34.	Kit "InTray Colorex Screen Test" <u>BIOMED Diagnostics</u> , 1430 Koll Circle, Ste 1010, San Jose, CA (Document No. 10.082)	
	35.	Kit "Staphylococcus Latex Kit" Product Codes: BA001, BA001.1, The Binding Side Limited, P.O. Box 4073, Birmingham, B29 6AT, UK	
	36.	Lipkin et al., "Abstract Direct PCT Detection of Mastitis causing Pathogens in Milk" Research Dev. Co. of the Hebrew University of Jerusalem, A-0645	
	37.	Neyret et al., " Evaluation of a Commercial Test Kit for Rapid Detection of Staphylococcus aureus in Blood Cultures" Eur. J. Clin. Microbiol. Infect. Dis. 16:165-166 (1997)	
	38.	Orden et al., " Detection of enterotoxins and TSST-1 secreted by Staphylococcis aureus isolated from ruminant mastitis. Comparison of ELISA and Immunoblot" Journal of Applied Bacteriology 72:486-489 (1992)	
		Rosocha et al., "Monoclona Antibodies Against the Common Polysaccharide of Streptococcus agalactiae" Folia Microbiol. 41(5):436-440 (1996)	
	40.	Sachse et al., "Comparson of various diagnostic methods for the detection of Mycoplasma bovis" Rev. Sci. Tech. Off. Int. Epiz. 12(2):581-580 (1993)	
	41	van Griethuysen et al., "International Multicenter Evaluation of Latex Agglutination Tests for Identification of Staphylococcus aureus" Jr. of Clinical Microbiology 39 (1):86-89 (2001)	

EXAMINER		DATE CONSIDERED .
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER O. IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF	R NOT CITATION I	S IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT TH NEXT COMMUNICATION TO APPLICANT.

SHEET	3	OF	3
-------	---	----	---

				SHEET 3 OF
P FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE DISCLOSURE STATEMENT	ATTY, DOCKET NO. HEBIO.001C1	APPLICATION NO. 10/714,691
	AN E	Y APPLICANT	APPLICANT Wolde-Marian, Wondu	
Υ.	TRADE SEVERAL	SHEETS IF NECESSARY)	FILING DATE November 17, 2003	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE; PERTINENT PAGES, ETC.)			
		Wichelhaus et al., "Rapid Detection of Epidemic Strains of Methicilin-Resistant Staphylococcus aureus" <u>Jr. of Clinical Microbiology</u> 37:690-693 (1999)		
	43.	Yazdankhah et al., "Development and evaluation of an immunomagnetic separation-ELISA for the detection of Staphylococcus aureus thermostable nuclease in composite milk" reterinary Microbiology 67:113-125 (1999)		
	44.	Zorah et all., "Detection of bacterial antigens in milk samples from clinical cases of bovines mastitis in which culture is negative" The Veterinary Record 208-210 (2/237/93)		
• •				

W:\DOCS\JAH\JAH-6961.DOC 011304

EXAMINER

DATE CONSIDERED